

UBIFLEX

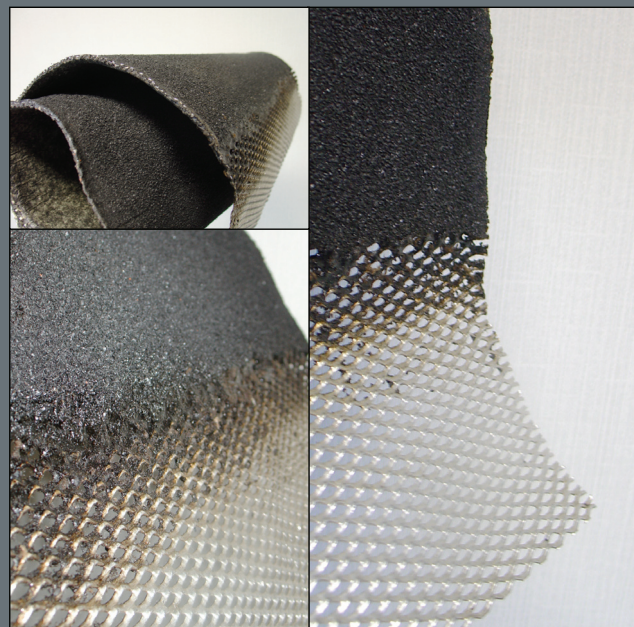
ENVIRONMENTAL AND RECYCLING DATA SHEET

Product Composition and Characteristics

Ubiflex consists of an aluminium mesh reinforcement with a polyolefin modified bitumen compound on both sides. The top surface has a layer of UV-stabilized PP granules and the bottom surface a PE coated kraft film backing. Ubiflex has nominal thickness and weight characteristics of 3.3 mm and 3.7kg / M² respectively. It is sold in eight roll sizes, those from 150mm to 400mm are 12m long and those from 500mm to 1000mm are 6m long.

Recycling Method

Ubiflex can be recycled by heating the product to a temperature of 180°. The bitumen compound will melt and as the aluminium has a far greater melt point it will remain intact. The residual bitumen will mainly keep its characteristics and can then be re-used for various purposes, including manufacturing processes. After the bitumen is removed, the aluminium mesh can be cleaned with a proprietary cleaning medium. It is then ready to be melted down and re-used in the metal industry, where it will be suitable for numerous purposes. The results of such a process can be seen in the photos where we show a section of a roll that has been partially melted and cleaned. To the side of the photo is the untouched product, then the remains of the melted bitumen on the mesh and lastly the cleaned aluminium mesh.



Responsibility to the environment

Ubbink is committed to sustainability. Not only are our products designed to provide environmentally friendly and energy efficient solutions, but every aspect of our business is focused on reducing the environmental impact. This includes employing energy efficient manufacturing processes and reducing carbon emissions and waste. Ubbink will ensure that the latest methods of recycling will be researched and if suitable, adopted to ensure the best and most responsible environmental path for our products.